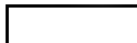


5X1



COMMUNICATIONS PLANNING ISSUE

October, 1980



Revw On 09 October 2000
Derived from multiple

Warning Notice -
Intelligence Sources
and Methods Involved

25X1

25X1

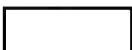


I.	EXECUTIVE SUMMARY	1
II.	BACKGROUND	3
III.	CURRENT SITUATION	5
A.	Message Service	5
B.	Datacommunications Service	6
C.	Secure Voice	6
D.	Collection Systems Communications	7
E.	Covert Communications	7
F.	Emergency Communications	8
G.	Survivability	8
IV.	TRENDS AND FUTURE DEVELOPMENTS	9
A.	Trends	9
1.	Message Service	9
2.	Datacommunications Service	10
3.	Secure Voice	10
4.	Collection Systems	10
5.	Covert Communications	11
6.	Emergency Communications	12
7.	Survivability	12
B.	Assumptions	12
C.	Problem Statements	14
V.	ALTERNATIVES	18
A.	Introduction	18
B.	Staff Network	18
1.	Objectives	18
2.	Budget Alternatives	19
C.	Collection	20
D.	Covert Communications	20
1.	Objectives	20
2.	Budget Alternatives	21
E.	Survivability	22
	GLOSSARY	23

ATTACHMENTS

(S) A9c2.1

5X1



25X1

COMMUNICATIONS

I. EXECUTIVE SUMMARY

~~Without major increases in resources in the early 1980's, communications support will deteriorate and seriously impede execution of the Agency's mission.~~

The Agency's current communications systems and equipments are largely products of the 1950's and 60's. These were years of rapid growth in Agency activities and budgets and, by today's standards, years of modest technological development. Information handling processes were manual and technical collection systems were in their infancy. (S) A9c2.1

By the mid-1960's signs of major change appeared. The operating

25X1

25X1

25X1

~~The end result of this history is a mortgage with a balloon payment due.~~

25X1

This paper assumes that the majority of user plans will become valid communications requirements within the decade. Within the set of solutions available, all require substantial increases in budgetary support. (U)

25X1

25X1

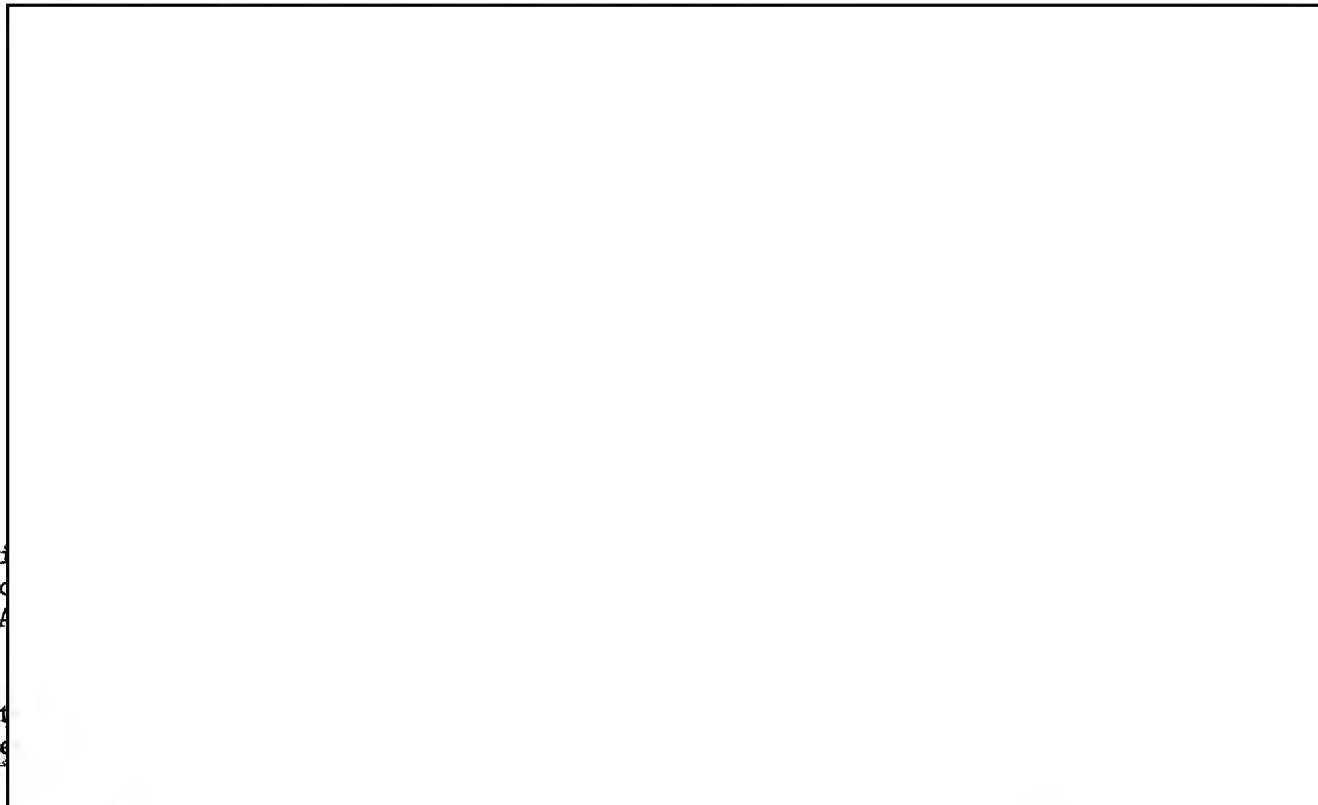


COMMUNICATIONS

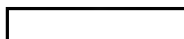
The analysis concludes that the strategic issue is: How much budgetary support and how soon? The final answer to that question will be the major determinant in defining the final solutions. (U)

The alternatives discussed are projections of levels of service achievable under conditions of (a) zero budgetary growth, (b) ten percent budgetary growth or (c) short term surge funding:

25X1



25X1



25X1

Next 22 Page(s) In Document Exempt

25X1

Attachment 1

Figure 1: Effect of inflation on total OC budget.

Figure 2: Effect of inflation and budget on equipment purchasing power.

Figure 3: Value and replacement of selected equipment.

Figure 4: Life cycle of selected OC equipment.

Next 6 Page(s) In Document Exempt